

Appl. No. 10/032,310  
Amdt. Dated Aug. 19, 2003  
Reply to Office Action of July 29, 2003

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

Claim 1 (previously presented): A collimating device comprising:

a Graded Index lens;

a filter; and

a tube comprising a first receiving portion and a second receiving portion, wherein the Graded Index lens is secured in the first receiving portion, and the filter is secured in the second receiving portion, a length of the first receiving portion is less than a length of the Graded Index lens and a length of the second receiving portion is equal to a corresponding length of the filter.

Claim 2 (original): The collimating device as described in claim 1, wherein the first receiving portion defines a cylindrical cavity therein, and the second receiving portion defines a generally rectangular cavity therein.

Claim 3 (original): The collimating device as described in claim 2, wherein the Graded Index lens is secured in the cylindrical cavity, and the filter is secured in the rectangular cavity.

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Claim 4 (original) The collimating device as described in claim 1, wherein the Graded Index lens has an inner end face contacting an inside surface of the filter.

Claims 5-7 (cancelled)

Claim 8 (original): The collimating device as described in claim 1, wherein the Graded Index lens has an obliquely ground and polished end disposed outside the first receiving portion of the tube.

Claim 9 (withdrawn): A method for making a collimating device, the method comprising the steps of:

preparing a Graded Index lens, and coating the Graded Index lens with epoxy film;

preparing a tube having a first receiving portion and a second receiving portion, and inserting the Graded Index lens into the first receiving portion;

baking the tube with the Graded Index lens to cure the epoxy film;

preparing a filter, inserting the filter into the second receiving portion, and adjusting a position of the filter to optically correspond to the Graded Index lens; and

applying epoxy between a periphery of the filter and the second receiving portion, and baking the epoxy to cure the epoxy and thereby fasten the filter in the tube.

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Claim 10 (withdrawn): The method as described in claim 9, wherein the first receiving portion defines a cylindrical cavity therein, the second receiving portion defines a generally rectangular cavity therein, and the Graded Index lens and the filter are respectively secured in the cylindrical cavity and in the rectangular cavity.

Claim 10 (withdrawn): The method as described in claim 9, wherein the Graded Index lens has an inner end face contacting an inside surface of the filter.

Claims 12-13 (cancelled)

Claim 14 (previously presented): The collimating device as described in claim 3, wherein a length of the rectangular cavity is equal to a length of the filter.